

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: De Francesco, R. et al.Serial No. 10/085,476Art Unit: 1652Filed: February 27, 2002Examiner: Hutson, Richard G.

For: METHOD FOR REPRODUCING IN VITRO THE
RNA-DEPENDENT RNA POLYMERASE AND TERMINAL
NUCLEOTIDYL TRANSFERASE ACTIVITIES ENCODED BY
HEPATITIS C VIRUS (HCV)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97**

Sir:

1. In compliance with 37 C.F.R. 1.97, submitted on the attached form herewith is a list of patents, publications or other information which are requested to be made of record in this application. This Information Disclosure Statement is not an admission that any patent, publication or other information referred to herein is "prior art" for this invention. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).

2. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

3. Applicants respectfully request that the Examiner initial the attached form after reviewing the pertinence of each reference.

4. Pursuant to 37 C.F.R. 1.98 (a)(2)(ii), copies of each cited U.S. patent and each U.S. patent application publication are not enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

MERCK & CO., INC.

By Shelley Her Date 11-12-04

INFORMATION DISCLOSURE STATEMENT

5. Pursuant to 37 C.F.R. 1.98(d), copies of references listed on the attached form that were submitted to or cited by the Office in a related application upon which the instant application relies for an earlier filing date under 35 U.S.C. 120 are not enclosed. Related application(s) in which references were submitted to or cited by the Office are as follows:

RELATED APPLICATION		
U. S. SERIAL NUMBER	FILING DATE	MERCK CASE

If this is inconvenient, additional copies will be submitted upon request.

6. In accordance with 37 C.F.R. 1.97, (check one)

- ☒ the attached information is filed with an accompanying Request for Continued Examination.
- ☐ the attached information is filed more than three months after the filing date but prior to the mailing of a first Office Action on the merits.
- ☐ the attached information is being filed more than three months after the filing date and after the mailing of a first Office Action on the merits, but before the mailing date of a Final Action or Notice of Allowance. The enclosed authorization is therefore given to charge Deposit Account No. 13-2755 for the fee required under 37 C.F.R. 1.17(p).
- ☐ the undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
- ☐ the undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated under 37 C.F.R. 1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



By: Sheldon O. Heber

Attorney _____ For Applicant(s)

Reg. No. 38,179

MERCK & CO., INC.

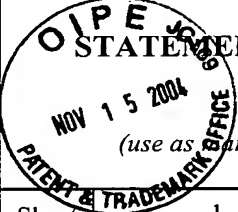
Patent Dept., RY60-30

P.O. Box 2000

Rahway, N.J. 07065-0907

(732)594-1958

Date: November 12, 2004

Substitute for form 1449B/PTO		COMPLETE IF KNOWN	
INFORMATION DISCLOSURE		Application Number	10/085,476
STATEMENT BY APPLICANT		Filing Date	February 27, 2002
		First Named Inventor	De Francesco, R. et al.
		Group Art Unit	1652
		Examiner Name	Hutson, Richard G.
Sheet	1 of 1	Attorney Docket Number	ITR0002PCA

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
		Chung, R. et al. "Identification and Characterization of a Hepatitis C Virus-Specific RNA-Dependent RNA Polymerase Activity From Extracts of Infected Liver Tissue", Hepatology, 1992, Vol. 16, No. 4 Part 2, Abstract 350
		Grakoui, A. et al. "Expression and Identification of Hepatitis C Virus Polyprotein Cleavage Products", Journal of Virology, 1993, Vol. 67, pp. 1385-1395
		Handschuh, G. et al. "Bacterial expression and purification of hepatitis C virus capsid proteins of different size", Journal of Hepatology, 1995, Vol. 22, pp. 143-150
		Kato, N. et al. "Molecular cloning of the human hepatitis C virus genome from Japanese patients with non-A, non-B hepatitis", 1990, Vol. 87, pp. 9524-9528
		Matsurra, Y. et al. "The molecular biology of hepatitis C", Seminars in Virology, 1993, Vol. 4, pp. 297-304
		Neufeld, K. et al. "Identification of Terminal Adenyl Transferase Activity of the Poliovirus Polymerase 3Dpol", Journal of Virology, 1994, Vol. 68, pp. 5811-5818
		Plotch, S. et al. "Purification and Properties of Poliovirus RNA Polymerase Expressed in <i>Escherichia coli</i> ", Journal of Virology, 1989, Vol. 63, pp. 216-225
		Shirai, M. et al. "Induction of Cytotoxic T Cells to a Cross-Reactive Epitope in the Hepatitis C Virus Nonstructural RNA Polymerase-Like Protein", Journal of Virology, 1992, Vol. 66, pp. 4098-4106
		Takamizawa, A. et al. "Structure and Organization of the Hepatitis C Virus Genome Isolated from Human Carriers", Journal of Virology, 1991, Vol. 65, pp. 1105-1113
		Tsutsumi, M. et al. "Detection of Antigens Related to Hepatitis C Virus RNA Encoding the NS5 Region in the Livers of Patients with Chronic Type C Hepatitis", Hepatology, 1994, Vol. 19, pp. 265-272

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Computer generated form "IDS Form" (IDS Folder), Merck & Co., Inc., 09/05/2003